This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS:

1-12. (Canceled)

13. (Previously Presented) A compiling method for causing a computer to operate as a compiler apparatus that optimizes exception handling in a target program as a program to be compiled, comprising:

detecting, from exception handlers that catch exceptions thrown in said target program, a multiple-catching exception handler catching a plurality of different exceptions and rethrowing the caught exceptions;

selecting a set of exceptions that are to be shifted to common processing through rethrow of the exceptions from among said plurality of exceptions caught;

throwing a clone exception handler catching the set of exceptions selected by said step of selecting;

shifting the set of exceptions to said common processing;

said common processing includes catching exceptions that are thrown while processing a function that has been called with a function call outside said function call;

said multiple-catching exception handler catches exceptions inside said function call; and

said selecting selects said set of exceptions further on condition that depth of nesting of function call from said common processing down to said multiple-catching exception handler is more than a predetermined number.

14-16. (Canceled)

17. (Previously Presented) A compiling method for causing a computer to operate as a compiler apparatus that optimizes exception handling in a target program as a program to be compiled, comprising:

detecting, from exception handlers that catch exceptions thrown in said target program, a multiple-catching exception handler catching a plurality of different exceptions and rethrowing the caught exceptions;

selecting a set of exceptions that are to be shifted to common processing through rethrow of the exceptions from among said plurality of exceptions caught;

throwing a clone exception handler catching the set of exceptions selected by said step of selecting;

shifting the set of exceptions to said common processing,

wherein said selecting selects the set of exceptions further on condition that the number of other exception handlers through which processing shifts from the multiple-catching exception handler to the common processing is more than a predetermined number.

18. (Previously Presented) A compiling method for causing a computer to operate as a compiler apparatus that optimizes exception handling in a target program as a program to be compiled, comprising:

detecting, from exception handlers that catch exceptions thrown in said target program, a multiple-catching exception handler catching a plurality of different exceptions and rethrowing the caught exceptions;

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selecting a set of exceptions that are to be shifted to common processing through rethrow of the exceptions from among said plurality of exceptions caught;

throwing a clone exception handler catching the set of exceptions selected by said step of selecting;

shifting the set of exceptions to said common processing;

said common processing includes catching exceptions that are thrown while processing a function that has been called with a function call outside said function call;

said multiple-catching exception handler catches exceptions inside said function call; and

said selecting selects said set of exceptions further based on a depth of nesting function call from said common processing down to said multiple catching exception handler and the number of other exception handlers through which processing shifts from said multiple-catching exception handler to said common processing.

19. (Canceled)